

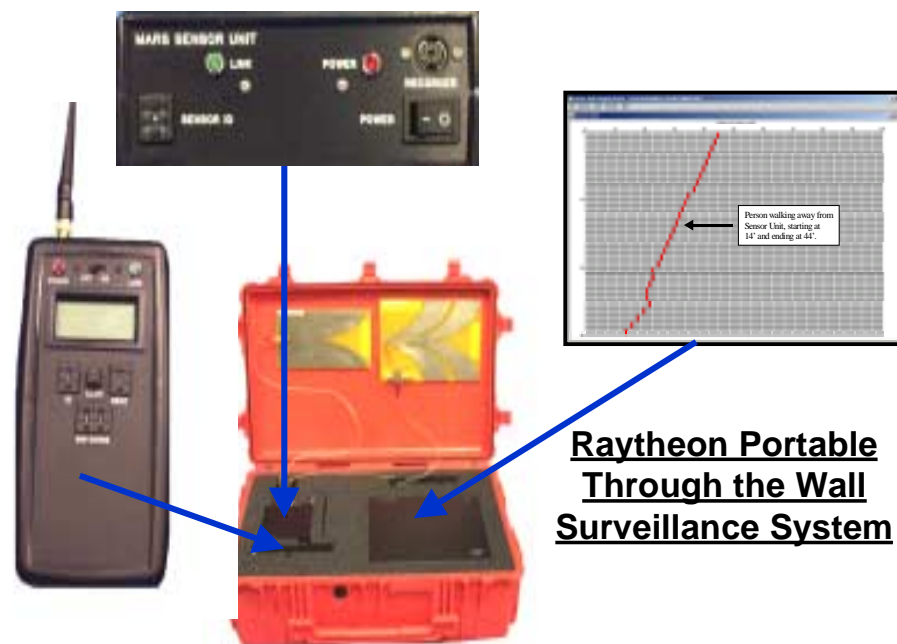
Personnel Location

Through The Wall Surveillance (TWS)

- Initial focus on detection and tracking
 - ⇒ Raytheon portable, radar-based system
 - Prototypes to be delivered in 2002
 - ⇒ GTRI handheld, radar-based
 - Prototype demoed with LEAs in '00
 - Commercialization efforts underway
- Efforts initiated in FY00 focus on:
 - ⇒ Mapping internal structure of buildings
 - ⇒ Locating individuals through metal walls
 - ⇒ Weapons detection and individual ID
- Working w TSWG, US Marine Corps and Army
- Discussions with FEMA and Fire Service

Incident Response

- Assess technology to locate individuals in urban disasters
 - ⇒ Pursue technology development if warranted



**Raytheon Portable
Through the Wall
Surveillance System**

**2nd Generation
GTRI "Radar
Flashlight"**

